



The Clorox Company  
7200 Johnson Drive  
Pleasanton, California 94568  
Tel. (415) 847-6100

## Material Safety Data Sheet

CLOROX-HMIS	
HEALTH	2+
FLAMMABILITY	0
REACTIVITY	1
Personal Protection	B

### I Chemical Identification

**NAME:** LEMON FRESH CLOROX  
**DESCRIPTION:** FRAGRANCED BLEACH

**CAS no.** N/A  
**RTECS no.** N/A

### Other Designations

### Manufacturer

### Emergency Procedure

Sodium hypochlorite  
Liquid chlorine bleach  
EPA Reg. No. 5813-20

The Clorox Company  
1221 Broadway  
Oakland, CA 94612

Notify your Supervisor  
Call your local poison control Center  
or  
Rocky Mountain Poison Center  
(303) 573-1014

### II Health Hazard Data

Causes severe but temporary eye injury. May irritate skin. May cause nausea and vomiting if ingested. Exposure to vapor or mist may irritate nose, throat and lungs. The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, chronic bronchitis or obstructive lung disease. Under normal consumer use conditions the likelihood of any adverse health effects are low. **FIRST AID:** **EYE CONTACT:** Immediately flush eyes with plenty of water. If irritation persists, see a doctor. **SKIN CONTACT:** Remove contaminated clothing. Wash area with water. **INGESTION:** Drink a glassful of water and call a physician. **INHALATION:** If breathing problems develop, remove to fresh air.

### III Hazardous Ingredients

Ingredients	Concentration	Worker Exposure Limit
Sodium hypochlorite CAS# 7681-52-9	5.25%	not established

None of the ingredients in this product are on the IARC, OSHA or NTP carcinogen lists. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g. irritation) occurs during exposure. Routine clinical tests conducted on intact skin with Lemon Fresh Scent found no sensitization in the test subjects.

### IV Special Protection Information

**Hygienic Practices:** Wear safety glasses and gloves.  
**Engineering Controls:** Use general ventilation to minimize exposure to vapor or mist  
**Work Practices:** Avoid eye and skin contact and inhalation of vapor or mist

### V Special Precautions

Keep out of reach of children. Do not get in eyes or on skin. Wash thoroughly with soap and water after handling. Do not mix with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acid or ammonia containing products. Store in a cool, dry place. Do not reuse empty container; rinse container and put in trash container. Do not use for food or water treatment.

This product is not registered with the EPA as a disinfectant.

### VI Spill or Leak Procedures

Small quantities of less than 5 gallons may be flushed down drain. For larger quantities wipe up with an absorbent material or mop and dispose of in accordance with local, state and federal regulations. Dilute with water to minimize oxidizing effect on spilled surface.

### VII Reactivity Data

Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.

### VIII Fire and Explosion Data

Not flammable or explosive. In a fire, cool containers to prevent rupture and release of sodium chloride.

### IX Physical Data

Boiling point-----212°F/100°C (decomposes)  
Specific Gravity (H<sub>2</sub>O=1)-----1.085  
Solubility in Water-----complete  
pH-----12.5